

Technical Data Sheet

Product Name	Calcium Chloride Dihydrate A.R.		
Product #	KS-00304	CAS #	10035-04-8
For laboratory use, ACS, Ph. Eur.			
Specifications			
Assay	99.0%-102.0%		
Identity	Passes test		
Appearance of Solution	Passes test		
Insoluble Matter	≤ 0.01%		
Acidity or Alkalinity	Passes test		
pH-Value (5%; Water, 25°C)	4.5-8.5		
Sulfate (SO ₄)	≤ 0.005%		
Heavy Metals (ACS)	≤ 5ppm		
Aluminum (Al)	≤ 0.0001%		
Barium (Ba)	≤ 0.003%		
Copper (Cu)	≤ 0.0005%		
Iron (Fe)	≤ 0.0003%		
Potassium (K)	≤ 0.01%		
Magnesium (Mg)	≤ 0.005%		
Sodium (Na)	≤ 0.01%		
Ammonium (NH ₄)	≤ 0.005%		
Strontium (Sr)	≤ 0.05%		

Magnesium and Alkali Metals	≤ 0.5%
Oxidizing Substances (as NO ₃)	≤ 0.003%

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